

Management System: Safety and Health

Subject Area: Managing the Integrated Safety Management System (ISMS)

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1.0 Introduction

DOE P 450.4A, *Integrated Safety Management Policy* establishes DOE's expectation that work be conducted safely and efficiently and in a manner that ensures protection of the workers, the public and the environment. DOE P 450.4A establishes the framework of the five core functions and seven guiding principles of integrated safety management. DOE O 450.2, *Integrated Safety Management* (ISM) established DOE's expectation that safety is systematically integrated into management and work practices at all levels, so that missions are accomplished efficiently while protecting workers, the public, and the environment. DOE O 450.2 requirements include that DOE offices and their contractors establish ISM systems, including the implementing mechanisms, processes, and methods to be used in an ISM System Description Document and the preparation of an annual ISM Declaration (through EM HQ).

Department of Energy Acquisition Regulation (DEAR) clause 48 Code of Federal Regulations 970.5223-1, *Integration of Environment, Safety, and Health into Work Planning and Execution*, establishes the requirements to develop and maintain ISM System Descriptions and implement ISM programs when this DEAR clause is included in the contract. The DEAR clause establishes the same core functions and guiding principles as given in DOE O 450.2.

2.0 Contents

Procedures	Procedure Content
1. PD-440-04, Federal Employee Occupational Safety and Health (FEOSH)	<ul style="list-style-type: none">• Review and maintain the EMCBC Federal Employee Occupational Safety and Health (FEOSH) program• Conduct FEOSH office surveillances• Maintain CAIRs reporting requirements• Annual preparation Occupational Safety and Health Administration (OSHA) 300 log• Track Safety Performance metrics as part of EMCBC Director's Performance Plan
2. PD-450-04, EMCBC Integrated Safety Management	<ul style="list-style-type: none">• Describes how the EMCBC conducts work following the seven ISM Guiding Principles, the five ISM Core Functions• Incorporates the four Supplemental Safety

	<p>Culture Principles (adopted from the EM ISMSD)</p> <ul style="list-style-type: none"> Integrates important aspects of the EMCBC Quality Assurance Program and Environmental Management System into the ISMS process
3. Procedure 1 - Review Project Office Federal Integrated Safety Management System Description	<ul style="list-style-type: none"> Develop and approve the Field Office ISMS Description Perform annual review of the Field Office ISMS Description Perform annual review of the Project Office ISMS Description
4. Procedure 2-Reviewing and Approving the Contractor Integrated Safety Management System Description	<ul style="list-style-type: none"> Review the contractor ISMS Description. Perform initial verification and approval of the contractor ISM Program

3.0 Exhibits/Forms

- None

4.0 Related Information

- [DOE-HDBK-3027-99](#), *Integrated Safety Management Systems Verification Team Leader's Handbook*
- [EMCBC Service Plan](#)
- [EMCBC Quality Assurance and Oversight Management System Description](#)
- [DOE G 450.4-1C](#), *Integrated Safety Management Guide*
- [DOE O 414.1D](#), *Quality Assurance*
- [DOE O 226.1B](#), *Implementation of DOE Oversight Policy*
- [DOE O 231.1B](#), *Environment, Safety and Health Reporting*
- [DOE O 436.1](#), *Departmental Sustainability*
- [EM-QA-001, Rev 1](#), *EM Quality Assurance Plan*

5.0 Requirements

Document	Title
10 CFR 830	<i>Nuclear Safety Management</i>
10 CFR 851	<i>Worker Safety and Health</i>
40 CFR 170	<i>Worker Protection Standard</i>
40 CFR 716	<i>Health and Safety Data Reporting</i>

<u>48 CFR 970.5223-1</u>	<i>Integration Of Environment, Safety, And Health Into Work Planning And Execution (Also Called The ISMS Clause)</i>
<u>DOE O 440.1B</u>	<i>Worker Protection Management For DOE (Including The National Nuclear Security Administration) Federal Employees</i>
<u>DOE O 450.2</u>	<i>Integrated Safety Management</i>

6.0 Definitions:

For ISMS terms, see DOE G 450.4-1C, *Integrated Safety Management Guide*, Glossary Section.